

## WEST Search History

DATE: Monday, April 09, 2007

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L59	L58 and ((solenoid\$4 or saddle) with (coil or winding or probe or antenna))	20
<input type="checkbox"/>	L58	L57 and (plug with socket\$4) L56 and ((solenoid\$4 or saddle or coil or winding or probe or antenna) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-	98
<input type="checkbox"/>	L57	change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	2380
<input type="checkbox"/>	L56	L1 and (plug or socket\$4)	17199
<input type="checkbox"/>	L55	5146166	16
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L54	('5146166')![pn]	1
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L53	('3911355'  '4088944'  '4511841'  '4581583'  '4859949'  '5146166'  '5302900'  '5517856'  '6563317'  '20020135372'  '20020196022')![pn]	11
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L52	L48 and (warden.in.) L50 and ((convey\$4 or trasport\$4 or transportation or moving or moved or movable or move or bringing or brought or bring or driv\$4 or inject\$4 or insert\$4 ((production or assembly) with (belt or "line")) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous) with (volume or "ml"))	1
<input type="checkbox"/>	L51	L50 and ((measur\$4 or measurement or examin\$4 or examination or investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml")) L48 and ((solenoid\$4 or saddle or coil or winding or probe or antenna) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-	10
<input type="checkbox"/>	L49	change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	203
<input type="checkbox"/>	L48	fetzner	344
<input type="checkbox"/>	L47	L42 and (fetzner) L45 and ((solenoid\$4 or saddle) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	4
<input type="checkbox"/>	L46		1

<input type="checkbox"/>	L44 and (((measur\$4 or measurement or examin\$4 or examination or investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml")) with (solenoid\$4 or saddle))	3
<input type="checkbox"/>	L43 and ((measur\$4 or measurement or examin\$4 or examination or investigation or interest or analysis or analyz\$4 or region or area or zone) with (volume or "ml"))	48
<input type="checkbox"/>	L42 and (solenoid\$4 or saddle)	58
<input type="checkbox"/>	L41 and (measur\$4 or measurement or examin\$4 or examination or investigation or interest or analysis or analyz\$4 or region or area or zone)	672
	L40 and ((convey\$4 or trasport\$4 or transportation or moving or moved or movable or move or bringing or brought or bring or driv\$4 or inject\$4 or insert\$4 ((production or assembly) with (belt or "line")))) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous) with (volume or "ml")	673
<input type="checkbox"/>	L39 and (volume or "ml")	7381
<input type="checkbox"/>	L38 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable)	8083
<input type="checkbox"/>	L37 and ((automatic\$4 or automat\$3) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	8106
<input type="checkbox"/>	L36 and (automatic\$4 or automat\$3)	22050
<input type="checkbox"/>	L35 and (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	50949
<input type="checkbox"/>	L34 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable))	7
<input type="checkbox"/>	L33 and ((automatic\$4 or automat\$3) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	469
<input type="checkbox"/>	L32 and ((exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable) with (plug or socket\$4))	1355
<input type="checkbox"/>	L31 and (L30 and (plug or socket\$4))	5482
<input type="checkbox"/>	L29 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4 or chang\$4 or changeable)	42541
<input type="checkbox"/>	L28 and (sample or tissue or subject or object or patient or substance or target or	43242

	specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	
<input type="checkbox"/>	L28 L1 and (automatic\$4 or automat\$3)	44038
	L23 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (head) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	2
<input type="checkbox"/>	L27 L25 and (((magnetic adj resonan\$2) or MRI or NMR) with (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous))	5
<input type="checkbox"/>	L26 L24 and (sample or tissue or subject or object or patient or substance or target or specim\$2 or solid\$3 or liquid or gas\$2 or gaseous)	7
<input type="checkbox"/>	L25 L23 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	7
<input type="checkbox"/>	L24 L17 and ((exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	103
<input type="checkbox"/>	L23 L22 L21 and (plug or socket\$4)	17
<input type="checkbox"/>	L21 L20 and (plug or socket\$4 or connect\$4)	81
<input type="checkbox"/>	L20 L19 and ((solenoid\$4 or saddle) with (probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	84
<input type="checkbox"/>	L19 L18 and (solenoid\$4 or saddle)	476
<input type="checkbox"/>	L18 L17 and ((probe or coil or antenna or winding) with (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	1888
<input type="checkbox"/>	L17 L16 and (exchang\$4 or exchangeable or interchang\$4 or interchangeable or inter-change\$4 or inter-chang\$4 or replace\$4 or replac\$4 or switch\$4 or detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or disconnect\$4))	2912
<input type="checkbox"/>	L16 L15 and ((probe or coil or antenna or winding) with (head))	3130
<input type="checkbox"/>	L15 L14 not L12	12
<input type="checkbox"/>	L14 L13 and ((solenoid\$4 or saddle) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	38
<input type="checkbox"/>	L13 L6 and ((plug or socket\$4 or connect\$4) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	412
<input type="checkbox"/>	L12 L11 and ((plug or socket\$4 or connect\$4) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	26
<input type="checkbox"/>	L11 L10 and ((solenoid\$4 or saddle) with (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4 or individual\$2 or disconnect\$4))	50
	L9 and (detach\$4 or remov\$4 or split\$4 or separat\$4 or de-tach\$4 or re-mov\$4	

<input type="checkbox"/>	L10 or individual\$2 or disconnect\$4)	438
<input type="checkbox"/>	L9 L7 and (plug or socket\$4 or connect\$4)	443
<input type="checkbox"/>	L8 L7 and (plug or socket\$4 or connect\$4)	443
<input type="checkbox"/>	L7 L6 and ((feed\$3 or fed or suppl\$4 or input\$4 or in-put\$4 or insert\$4) with (cable or channel\$3 or "line"))	447
<input type="checkbox"/>	L6 L5 and (sample or tissue or subject or object or patient or substance or target or specim\$2)	991
<input type="checkbox"/>	L5 L4 and (solenoid\$4 or saddle)	1004
<input type="checkbox"/>	L4 L3 and (convey\$4 or ((production or assembly) with (belt or "line")))	9617
<input type="checkbox"/>	L3 L2 and (feed\$3 or fed or suppl\$4 or input\$4 or in-put\$4 or insert\$4 or cable or channel\$3 or "line")	57197
<input type="checkbox"/>	L2 L1 and (probe or coil or antenna or winding)	68490
<input type="checkbox"/>	L1 ((magnetic adj resonan\$2) or MRI or NMR)	249481

END OF SEARCH HISTORY

## Hit List

First Hit	Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 12 of 12 returned.

Γ 1. Document ID: US 20060192465 A1

L15: Entry 1 of 12

File: PGPB

Aug 31, 2006

PGPUB-DOCUMENT-NUMBER: 20060192465

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060192465 A1

TITLE: Mechanical meta-materials

PUBLICATION-DATE: August 31, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kornbluh; Roy D.	Palo Alto	CA	US
Pelrine; Ronald E.	Louisville	CO	US
Prahlad; Harsha	Cupertino	CA	US
Stanford; Scott E.	Mountain View	CA	US

US-CL-CURRENT: 310/800

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw D](#)

Γ 2. Document ID: US 20060125478 A1

L15: Entry 2 of 12

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060125478

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060125478 A1

TITLE: NMR magnet device for solution analysis and NMR apparatus

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kakugawa; Shigeru	Hitachi		JP
Okada; Michiya	Mito		JP
Aihara; Katsuzou	Hitachiohta		JP
Morita; Hiroshi	Hitachi		JP
Wakuda; Tsuyoshi	Hitachi		JP

US-CL-CURRENT: 324/321; 324/319

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

## □ 3. Document ID: US 20050253586 A1

L15: Entry 3 of 12

File: PGPB

Nov 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050253586

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050253586 A1

TITLE: NMR magnet device for solution analysis and NMR apparatus

PUBLICATION-DATE: November 17, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kakugawa, Shigeru	Hitachi		JP
Okada, Michiya	Mito		JP
Aihara, Katsuzou	Hitachiohta		JP
Morita, Hiroshi	Hitachi		JP
Wakuda, Tsuyoshi	Hitachi		JP

US-CL-CURRENT: 324/321; 324/318

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

## □ 4. Document ID: US 20050198812 A1

L15: Entry 4 of 12

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050198812

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050198812 A1

TITLE: Method of manufacturing transverse non-cylindrical gradient coils

PUBLICATION-DATE: September 15, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Schuster, Johann	Oberäsbach		DE
Stocker, Stefan	Grossenseebach		DE

US-CL-CURRENT: 29/606; 29/871

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

## □ 5. Document ID: US 7154271 B2

L15: Entry 5 of 12

File: USPT

Dec 26, 2006

US-PAT-NO: 7154271

DOCUMENT-IDENTIFIER: US 7154271 B2

TITLE: Split type NMR Superconductive magnet device and NMR apparatus for solution analysis with a permanent current switch holding the split type superconducting magnet in a permanent current mode

DATE-ISSUED: December 26, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060125478 A1	June 15, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kakugawa; Shigeru	Hitachi			JP
Okada; Michiya	Mito			JP
Aihara; Katsuzou	Hitachiohta			JP
Morita; Hiroshi	Hitachi			JP
Wakuda; Tsuyoshi	Hitachi			JP

US-CL-CURRENT: 324/318; 324/321, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMPC	Dra	D
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## □ 6. Document ID: US 7053621 B2

L15: Entry 6 of 12

File: USPT

May 30, 2006

US-PAT-NO: 7053621

DOCUMENT-IDENTIFIER: US 7053621 B2

TITLE: Split type NMR magnet device and NMR apparatus for solution analysis with at least an 11 T static magnetic field and different energizing directions of the NMR magnets

DATE-ISSUED: May 30, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050253586 A1	November 17, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kakugawa; Shigeru	Hitachi			JP
Okada; Michiya	Mito			JP
Aihara; Katsuzou	Hitachiohta			JP

Morita; Hiroshi	Hitachi	JP
Wakuda; Tsuyoshi	Hitachi	JP

US-CL-CURRENT: 324/319; 324/318, 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	TOC	Claims	KOMC	Drawn D.
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## □ 7. Document ID: US 5946220 A

L15: Entry 7 of 12

File: USPT

Aug 31, 1999

US-PAT-NO: 5946220

DOCUMENT-IDENTIFIER: US 5946220 A

TITLE: Computer operated material processing systems and method

DATE-ISSUED: August 31, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lemelson; Jerome H.	Incline Village	NV	89451	

US-CL-CURRENT: 700/273; 210/745, 210/787, 436/45, 73/61.48

Full	Title	Citation	Front	Review	Classification	Date	Reference	TOC	Claims	KOMC	Drawn D.
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## □ 8. Document ID: US 5530355 A

L15: Entry 8 of 12

File: USPT

Jun 25, 1996

US-PAT-NO: 5530355

DOCUMENT-IDENTIFIER: US 5530355 A

TITLE: Solenoidal, octopolar, transverse gradient coils

DATE-ISSUED: June 25, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		

US-CL-CURRENT: 324/318; 324/322, 335/299, 336/225

Full	Title	Citation	Front	Review	Classification	Date	Reference	TOC	Claims	KOMC	Drawn D.
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## □ 9. Document ID: US 5414360 A

L15: Entry 9 of 12

File: USPT

May 9, 1995

US-PAT-NO: 5414360

DOCUMENT-IDENTIFIER: US 5414360 A

TITLE: Gradient coils for therapy tomographs

DATE-ISSUED: May 9, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Westphal; Michael	Offenbach			DE
Laukien; Gunther	Rheinstetten			DE

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draug. D.
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 10. Document ID: US 5137695 A

L15: Entry 10 of 12

File: USPT

Aug 11, 1992

US-PAT-NO: 5137695

DOCUMENT-IDENTIFIER: US 5137695 A

TITLE: Apparatus for the sequential performance of chemical processes

DATE-ISSUED: August 11, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rusnak; Miro	LaVerne	CA		
Shively; John E.	Arcadia	CA		
Calaycay; Jimmy R.	Arcadia	CA		

US-CL-CURRENT: 422/116; 422/103, 422/68.1, 422/70, 436/89

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draug. D.
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 11. Document ID: US 4785246 A

L15: Entry 11 of 12

File: USPT

Nov 15, 1988

US-PAT-NO: 4785246

DOCUMENT-IDENTIFIER: US 4785246 A

TITLE: Magnetic resonance imaging apparatus

DATE-ISSUED: November 15, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Sugimoto; Hiroshi

Tochigi

JP

US-CL-CURRENT: 324/318; 324/322[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw](#)

12. Document ID: US 20060012368 A1, WO 2004005952 A1, DE 10230196 A1, EP 1521975 A1.

L15: Entry 12 of 12

File: DWPI

Jan 19, 2006

DERWENT-ACC-NO: 2004-122645

DERWENT-WEEK: 200607

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TITLE: Sample head for NMR measurements, has guide for inserting sample containers for measurement by solenoid coil attached to carrier body

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Term	Documents
(14 NOT 12).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12
(L14 NOT L12).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12

Display Format: [-](#) [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

## Hit List

First Hit	Clear	Generate Collection	Print	Fwd. Refs.	Bkwd Refs
Generate OACS					

Search Results - Record(s) 1 through 20 of 20 returned.

1. Document ID: US 20060129022 A1

L59: Entry 1 of 20

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060129022

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060129022 A1

TITLE: Method and apparatus for therapeutic treatment of inflammation and pain with low flux density, static electro-magnetic fields

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Venza; Glenn E.	Riverdale	NJ	US
Malady; Gerard	Fort Lee	NJ	US
Sylvester; Robert	River Edge	NJ	US

US-CL-CURRENT: 600/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D
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2. Document ID: US 20060089550 A1

L59: Entry 2 of 20

File: PGPB

Apr 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060089550

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060089550 A1

TITLE: Disposable container for use with an open magnetic resonance scanner

PUBLICATION-DATE: April 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kitney; Richard Ian	London		GB
Gross; Patrick	London		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw D
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3. Document ID: US 20060012368 A1

L59: Entry 3 of 20

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060012368

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060012368 A1

TITLE: High resolution nmr probe head for small sample volumes and method for operating the same

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Volke; Frank	St. Ingbert		DE
Benecke; Martin	Homberg		DE

US-CL-CURRENT: 324/318; 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw D
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4. Document ID: US 20050119418 A1

L59: Entry 4 of 20

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119418

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119418 A1

TITLE: Thermoplastic polymer, process for producing the same, and molded article

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Hideki	Nagoya-shi		JP
Tanaka, Akiko	Nagoay-shi		JP
Yamamoto, Daisuke	Nagoya-shi		JP
Sato, Daisuke	Yonezawa-shi		JP
Yamanaka, Toru	Nagoya-shi		JP

US-CL-CURRENT: 525/329.7; 525/330.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Draw D
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5. Document ID: US 20040236209 A1

L59: Entry 5 of 20

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040236209

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040236209 A1

TITLE: System and method of obtaining images and spectra of intracavity structures using 3.0 tesla magnetic resonance systems

PUBLICATION-DATE: November 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Misic, George J.	Allison Park	PA	US
Rhinehart, Edward J.	Monroeville	PA	US

US-CL-CURRENT: 600/423

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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 6. Document ID: US 20020198450 A1

L59: Entry 6 of 20

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198450

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198450 A1

TITLE: High-frequency coil arrangement for a magnetic resonance tomography apparatus

PUBLICATION-DATE: December 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reykowski, Arne	Erlangen		DE

US-CL-CURRENT: 600/422; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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 7. Document ID: US 6806711 B2

L59: Entry 7 of 20

File: USPT

Oct 19, 2004

US-PAT-NO: 6806711

DOCUMENT-IDENTIFIER: US 6806711 B2

TITLE: High-frequency volume coil/surface coil arrangement for a magnetic resonance

tomography apparatus

DATE-ISSUED: October 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reykowski; Arne	Erlangen			DE

US-CL-CURRENT: 324/318

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8. Document ID: US 6121388 A

L59: Entry 8 of 20

File: USPT

Sep 19, 2000

US-PAT-NO: 6121388

DOCUMENT-IDENTIFIER: US 6121388 A

TITLE: Polyamide resin composition

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hidevuki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP

US-CL-CURRENT: 525/425; 525/426, 525/432

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9. Document ID: US 6077908 A

L59: Entry 9 of 20

File: USPT

Jun 20, 2000

US-PAT-NO: 6077908

DOCUMENT-IDENTIFIER: US 6077908 A

TITLE: Polyoxyethylene resin composition

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yahiro; Shyuzi	Kurashiki			JP

US-CL-CURRENT: 525/218; 525/282, 528/310, 528/322

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10. Document ID: US 6046300 A

L59: Entry 10 of 20

File: USPT

Apr 4, 2000

US-PAT-NO: 6046300

DOCUMENT-IDENTIFIER: US 6046300 A

TITLE: Liquid-crystalline resin and thermoplastic resin composition

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Umetsu; Hideyuki	Nagoya			JP
Makabe; Yoshiki	Nagoya			JP
Sugimura; Masahiro	Nagoya			JP

US-CL-CURRENT: 528/176; 528/193, 528/271, 528/272

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11. Document ID: US 5876338 A

L59: Entry 11 of 20

File: USPT

Mar 2, 1999

US-PAT-NO: 5876338

DOCUMENT-IDENTIFIER: US 5876338 A

TITLE: Nuclear magnetic resonance imaging apparatus

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gilderdale; David John	South Devon			GB
Grantham; Anthony Charles	Small Field			GB

US-CL-CURRENT: 600/411; 600/117, 600/127

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12. Document ID: US 5247256 A

L59: Entry 12 of 20

File: USPT

Sep 21, 1993

US-PAT-NO: 5247256

DOCUMENT-IDENTIFIER: US 5247256 A

TITLE: RF receiver coil arrangement for NMR spectrometers

DATE-ISSUED: September 21, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moriken			CH

US-CL-CURRENT: 324/321; 324/315

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13. Document ID: US 4712067 A

L59: Entry 13 of 20

File: USPT

Dec 8, 1987

US-PAT-NO: 4712067

DOCUMENT-IDENTIFIER: US 4712067 A

TITLE: R.F. coil system for generating and/or receiving alternating magnetic fields

DATE-ISSUED: December 8, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roschmann; Peter	Hamburg			DE
Simon; Howard E.	Monroe	CT		

US-CL-CURRENT: 324/318; 324/322, 333/219, 335/299

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  |  | [Claims](#) | [IOMC](#) | [Drawn D](#)

14. Document ID: US 4052661 A

L59: Entry 14 of 20

File: USPT

Oct 4, 1977

US-PAT-NO: 4052661

DOCUMENT-IDENTIFIER: US 4052661 A

\*\* See image for Certificate of Correction \*\*

TITLE: Nuclear magnetic resonance probe

DATE-ISSUED: October 4, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higham; Peter	High Wycombe			EN
Hoult; Robert Alan	Beaconsfield			EN

US-CL-CURRENT: 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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15. Document ID: US 3603871 A

L59: Entry 15 of 20

File: USPT

Sep 7, 1971

US-PAT-NO: 3603871

DOCUMENT-IDENTIFIER: US 3603871 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE

DATE-ISSUED: September 7, 1971

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Caunter; Jeffrey Malcolm.	Beaconsfield			EN
Higham; Peter	High Wycombe			EN

US-CL-CURRENT: 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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16. Document ID: US 3549456 A

L59: Entry 16 of 20

File: USOC

Dec 22, 1970

US-PAT-NO: 3549456

DOCUMENT-IDENTIFIER: US 3549456 A

TITLE: APPARATUS FOR MAKING TUBULAR ARTICLES FROM BLANKETS OF UNCURED FIBROUS MAT

DATE-ISSUED: December 22, 1970

INVENTOR-NAME: WARKOCZEWSKI JOSEPH T; TAYLOR JACK M ; BURHANS STUART J ; STEPHENS FREDERICK N

US-CL-CURRENT: 156/446, 156/218, 28/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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17. Document ID: US 3347725 A

L59: Entry 17 of 20

File: USOC

Oct 17, 1967

US-PAT-NO: 3347725

DOCUMENT-IDENTIFIER: US 3347725 A

TITLE: Method of making tubular thermal insulation

DATE-ISSUED: October 17, 1967

INVENTOR-NAME: STEPHENS FREDERICK N; BURHANS STUART J ; WARKOCZEWSKI JOSEPH T ; TAYLOR JACK M

US-CL-CURRENT: 156/184, 156/446, 493/303

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18. Document ID: US 3157284 A

L59: Entry 18 of 20

File: USOC

Nov 17, 1964

US-PAT-NO: 3157284

DOCUMENT-IDENTIFIER: US 3157284 A

TITLE: Device for selecting and sorting discrete data bearing elements

DATE-ISSUED: November 17, 1964

INVENTOR-NAME: JAMES CLAIRE L; BROOKS ROBERT W ; MASSARD ROBERT L

US-CL-CURRENT: 209/551, 209/559

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19. Document ID: US 3006986 A

L59: Entry 19 of 20

File: USOC

Oct 31, 1961

US-PAT-NO: 3006986

DOCUMENT-IDENTIFIER: US 3006986 A

TITLE: Telegraph switching system

DATE-ISSUED: October 31, 1961

INVENTOR-NAME: VERNAM GILBERT S; ADAMS MYRON D ; CHOJNOWSKI EDWARD J ; BLANTON WILLIAM B ; JANSSON HENRY A

US-CL-CURRENT: 178/2R

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20. Document ID: US 1951189 A

L59: Entry 20 of 20

File: USOC

Mar 13, 1934

US-PAT-NO: 1951189

DOCUMENT-IDENTIFIER: US 1951189 A

TITLE: Automatic brake and electric ignition control for automobiles

DATE-ISSUED: March 13, 1934

INVENTOR-NAME: FOGARTY JR JOHN C

US-CL-CURRENT: 477/184; 200/61.54

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ANTENNAS	97566
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